L Number	Hits	Search Text	DB	Time stamp
-	7	(("symetric key" or "secure key") with signature) and (@ad<19990430 or @rlad<19990430 or @prad<19990430)	USPAT	2004/04/08 11:09
-	56	((@ad<19990430 or @rlad<19990430 or @prad<19990430) and (((symetric or (secure near$4 key)) with certificat$3))) and (((((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((re?encrypt or key) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash"))same ("secret key" or DES or "symetric key")))) and (@ad<19990430 or @rlad<19990430 or @prad<19990430))	USPAT	2004/04/09 14:36
-	1386	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and (((symetric or (secure near$4 key)) with certificat$3))	USPAT	2004/04/08 15:08
-	1641	((symetric or (secure near$4 key)) with certificat$3)	USPAT	2004/04/08 11:03
-	19	((((((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((re?encrypt or key) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash"))same ("secret key" or DES or "symetric key")))) and (@ad<19990430 or @rlad<19990430 or @prad<19990430)) and ((message with authentic$4) same random)	USPAT	2004/04/08 11:00
-	135	((((((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((re?encrypt or key) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash"))same ("secret key" or DES or "symetric key")))) and (@ad<19990430 or @rlad<19990430 or @prad<19990430)	USPAT	2004/04/08 18:30
-	149	(((((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((re?encrypt or key) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash"))same ("secret key" or DES or "symetric key")))	USPAT	2004/04/08 10:51
-	135	(sign$5 or authentic$5 or integrity).ti. and ((((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((@ad<19990430 or @rlad<19990430 or @prad<19990430)and (((Encrypti$3 adj$2 key) or (signature key)) with (produce or generate or create or originate or hatch or develop or make or COMPOSE or conceive or formulate or establish or "set up" or spawn or draw or breed or induce or construct or yield or propagate)))) and((seqen$4 or random or serial or pseudo or succe$9 or next or follow$3 or incoreas$3) with (seed or number)))	USPAT	2004/04/08 12:59
-	134	(@ad<19990430 or @rlad<19990430 or @prad<19990430)and 713/181.ccls.	USPAT	2004/04/08 12:16

–	25986	(@ad<19990430 or @rlad<19990430 or @prad<19990430)and (((Encrypti$3 adj$2 key) or (signature key)) with (produce or generate or create or originate or hatch or develop or make or COMPOSE or conceive or formulate or establish or "set up" or spawn or draw or breed or induce or construct or yield or propagate))	USPAT	2004/04/08 12:48
–	986	((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((@ad<19990430 or @rlad<19990430 or @prad<19990430)and (((Encrypti$3 adj$2 key) or (signature key)) with (produce or generate or create or originate or hatch or develop or make or COMPOSE or conceive or formulate or establish or "set up" or spawn or draw or breed or induce or construct or yield or propagate)))	USPAT	2004/04/08 12:51
–	723	(((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((@ad<19990430 or @rlad<19990430 or @prad<19990430)and (((Encrypti$3 adj$2 key) or (signature key)) with (produce or generate or create or originate or hatch or develop or make or COMPOSE or conceive or formulate or establish or "set up" or spawn or draw or breed or induce or construct or yield or propagate)))) and((seqen$4 or random or serial or pseudo or succe$9 or next or follow$3 or incoreas$3) with (seed or number))	USPAT	2004/04/08 14:34
–	78	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and (session with sign$5 with key with generat$3)	USPAT	2004/04/08 15:12
–	9	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((session with sign$5 with key with generat$3).ti. or (session with sign$5 with key with generat$3).ab.)	USPAT	2004/04/08 15:36
–	1024	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and (((message or user$1) with authenticat$3).ti. or ((message or user$1 or information or origin) with (certif$6 or authenticat$3)).ab.)	USPAT	2004/04/08 15:41
–	76	(@ad<19990430 or @rlad<19990430 or @prad<19990430)and (encryption with message with integrity)	USPAT	2004/04/08 18:27
–	5	(delegate with signature)same digital	USPAT	2004/04/09 09:20
–	63	((encrypt$3 adj key)near generat$3) and symmetric and hash	USPAT	2004/04/09 10:31
–	19	"message integrity check key" or "MIC key"	USPAT	2004/04/09 10:55
–	38410	(delegat$4 or represent$5 or agent) with (encrypt$4 near$2 key)	USPAT	2004/04/09 10:00
–	34556	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((delegat$4 or represent$5 or agent) with (encrypt$4 near$2 key))	USPAT	2004/04/09 10:04
–	2095668	(delegat$4 or represent$5 or agent) near$2 (encrypt$4 near$2 key)	USPAT	2004/04/09 09:57
–	2095668	(delegat$4 or represent$5 or agent) near$1 (encrypt$4 near$2 key)	USPAT	2004/04/09 09:57
–	1058458	(delegat$4) near$1 (encrypt$4 near$2 key)	USPAT	2004/04/09 10:00
–	117	(delegat$4) with (encrypt$4 near$2 key)	USPAT	2004/04/09 10:04
–	109	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((delegat$4) with (encrypt$4 near$2 key))	USPAT	2004/04/09 10:09
–	15	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and (delegat$4 adj (encryption near$1 key))	USPAT	2004/04/09 10:23

-	383	(encrypt$3 adj key)near generat$3	USPAT	2004/04/09 10:24
-	108	((encrypt$3 adj key)near generat$3) and (symmetric)	USPAT	2004/04/09 10:30
-	63	hash and (((encrypt$3 adj key)near generat$3) and (symmetric))	USPAT	2004/04/09 10:29
-	1	6272475.pn.	USPAT	2004/04/09 14:05
-	39	"key distribution center" and symmetric	USPAT	2004/04/09 14:34
-	0	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((key adj generat$3 adj key) and (symmetric with encrypt$3) and (key adj "-" adj generat$3 adj key))	USPAT	2004/04/09 14:37
-	0	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((key adj generat$3) and (symmetric with encrypt$3) and (key adj "-" adj generat$3))	USPAT	2004/04/09 15:47
-	2777	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((key near2 generat$3)and(encrypt$3))	USPAT	2004/04/09 15:48
-	322	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((key near2 generat$3)and(encrypt$3)and (symmetric adj key))	USPAT	2004/04/09 15:48
-	1	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((((key near2 generat$3)) with (technique or method) and(encrypt$3)and (symmetric adj key)).ab. or (((key near2 generat$3)) with (technique or method) and(encrypt$3)and (symmetric adj key)).ti.)	USPAT	2004/04/09 15:50
-	90	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and (((key near2 generat$3)) with (technique or method) and(encrypt$3)and (symmetric adj key))	USPAT	2004/04/09 15:51
-	224	713/152-153.ccls.	USPAT	2004/04/14 08:56
-	202	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and 713/152-153.ccls.	USPAT	2004/04/14 11:09
-	146	((@ad<19990430 or @rlad<19990430 or @prad<19990430) and 713/152-153.ccls.) and ((encrypt$4 or session or sign$6 or main or symmetric or private or secret) with key)	USPAT	2004/04/14 09:00
-	2130960	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((session or second or private or symmetric)adj$3 key with(creat$3 or generat$3))	USPAT	2004/04/14 11:11
-	1	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((replay adj attack) with (list))	USPAT	2004/04/26 11:12
	0	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((replay adj attack) with (change))	USPAT	2004/04/26 11:12

L Number	Hits	Search Text	DB	Time stamp
-	7	(("symetric key" or "secure key") with signature) and (@ad<19990430 or @rlad<19990430 or @prad<19990430)	USPAT	2004/04/08 11:09
-	56	((@ad<19990430 or @rlad<19990430 or @prad<19990430) and (((symetric or (secure near$4 key)) with certificat$3))) and ((((((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((re?encrypt or key) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash"))same ("secret key" or DES or "symetric key")))) and (@ad<19990430 or @rlad<19990430 or @prad<19990430))	USPAT	2004/04/09 14:36
-	1386	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and (((symetric or (secure near$4 key)) with certificat$3))	USPAT	2004/04/08 15:08
-	1641	((symetric or (secure near$4 key)) with certificat$3)	USPAT	2004/04/08 11:03
-	19	((((((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((re?encrypt or key) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash"))same ("secret key" or DES or "symetric key")))) and (@ad<19990430 or @rlad<19990430 or @prad<19990430)) and ((message with authentic$4) same random)	USPAT	2004/04/08 11:00
-	135	((((((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((re?encrypt or key) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash"))same ("secret key" or DES or "symetric key")))) and (@ad<19990430 or @rlad<19990430 or @prad<19990430)	USPAT	2004/04/08 18:30
-	149	(((((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((re?encrypt or key) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash"))same ("secret key" or DES or "symetric key")))	USPAT	2004/04/08 10:51
-	135	(sign$5 or authentic$5 or integrity).ti. and ((((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((@ad<19990430 or @rlad<19990430 or @prad<19990430)and (((Encrypti$3 adj$2 key) or (signature key)) with (produce or generate or create or originate or hatch or develop or make or COMPOSE or conceive or formulate or establish or "set up" or spawn or draw or breed or induce or construct or yield or propagate)))) and((seqen$4 or random or serial or pseudo or succe$9 or next or follow$3 or incoreas$3) with (seed or number)))	USPAT	2004/04/08 12:59
-	134	(@ad<19990430 or @rlad<19990430 or @prad<19990430)and 713/181.ccls.	USPAT	2004/04/08 12:16

-	25986	(@ad<19990430 or @rlad<19990430 or @prad<19990430)and (((Encrypti$3 adj$2 key) or (signature key)) with (produce or generate or create or originate or hatch or develop or make or COMPOSE or conceive or formulate or establish or "set up" or spawn or draw or breed or induce or construct or yield or propagate))	USPAT	2004/04/08 12:48
-	986	((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((@ad<19990430 or @rlad<19990430 or @prad<19990430)and (((Encrypti$3 adj$2 key) or (signature key)) with (produce or generate or create or originate or hatch or develop or make or COMPOSE or conceive or formulate or establish or "set up" or spawn or draw or breed or induce or construct or yield or propagate)))	USPAT	2004/04/08 12:51
-	723	(((message or mail or text or packet) with (MAC or HMAC or ICV or MDC or "integrity check" or "digest" or "hash")) and ((@ad<19990430 or @rlad<19990430 or @prad<19990430)and (((Encrypti$3 adj$2 key) or (signature key)) with (produce or generate or create or originate or hatch or develop or make or COMPOSE or conceive or formulate or establish or "set up" or spawn or draw or breed or induce or construct or yield or propagate)))) and((seqen$4 or random or serial or pseudo or succe$9 or next or follow$3 or incoreas$3) with (seed or number))	USPAT	2004/04/08 14:34
-	78	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and (session with sign$5 with key with generat$3)	USPAT	2004/04/08 15:12
-	9	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((session with sign$5 with key with generat$3).ti. or (session with sign$5 with key with generat$3).ab.)	USPAT	2004/04/08 15:36
-	1024	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and (((message or user$1) with authenticat$3).ti. or ((message or user$1 or information or origin) with (certif$6 or authenticat$3)).ab.)	USPAT	2004/04/08 15:41
-	76	(@ad<19990430 or @rlad<19990430 or @prad<19990430)and (encryption with message with integrity)	USPAT	2004/04/08 18:27
-	5	(delegate with signature)same digital	USPAT	2004/04/09 09:20
-	63	((encrypt$3 adj key)near generat$3) and symmetric and hash	USPAT	2004/04/09 10:31
-	19	"message integrity check key" or "MIC key"	USPAT	2004/04/09 10:55
-	38410	(delegat$4 or represent$5 or agent) with (encrypt$4 near$2 key)	USPAT	2004/04/09 10:00
-	34556	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((delegat$4 or represent$5 or agent) with (encrypt$4 near$2 key))	USPAT	2004/04/09 10:04
-	2095668	(delegat$4 or represent$5 or agent) near$2 (encrypt$4 near$2 key)	USPAT	2004/04/09 09:57
-	2095668	(delegat$4 or represent$5 or agent) near$1 (encrypt$4 near$2 key)	USPAT	2004/04/09 09:57
-	1058458	(delegat$4) near$1 (encrypt$4 near$2 key)	USPAT	2004/04/09 10:00
-	117	(delegat$4) with (encrypt$4 near$2 key)	USPAT	2004/04/09 10:04
-	109	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((delegat$4) with (encrypt$4 near$2 key))	USPAT	2004/04/09 10:09
-	15	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and (delegat$4 adj (encryption near$1 key))	USPAT	2004/04/09 10:23

–	383	(encrypt$3 adj key)near generat$3	USPAT	2004/04/09 10:24
–	108	((encrypt$3 adj key)near generat$3) and (symmetric)	USPAT	2004/04/09 10:30
–	63	hash and (((encrypt$3 adj key)near generat$3) and (symmetric))	USPAT	2004/04/09 10:29
–	1	6272475.pn.	USPAT	2004/04/09 14:05
–	39	"key distribution center" and symmetric	USPAT	2004/04/09 14:34
–	0	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((key adj generat$3 adj key) and (symmetric with encrypt$3) and (key adj "-" adj generat$3 adj key))	USPAT	2004/04/09 14:37
–	0	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((key adj generat$3) and (symmetric with encrypt$3) and (key adj "-" adj generat$3))	USPAT	2004/04/09 15:47
–	2777	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((key near2 generat$3)and(encrypt$3))	USPAT	2004/04/09 15:48
–	322	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((key near2 generat$3)and(encrypt$3)and (symmetric adj key))	USPAT	2004/04/09 15:48
–	1	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and (((key near2 generat$3)) with (technique or method) and(encrypt$3)and (symmetric adj key)).ab. or (((key near2 generat$3)) with (technique or method) and(encrypt$3)and (symmetric adj key)).ti.)	USPAT	2004/04/09 15:50
–	90	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and (((key near2 generat$3)) with (technique or method) and(encrypt$3)and (symmetric adj key))	USPAT	2004/04/09 15:51
–	224	713/152-153.ccls.	USPAT	2004/04/14 08:56
–	202	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and 713/152-153.ccls.	USPAT	2004/04/14 11:09
–	146	((@ad<19990430 or @rlad<19990430 or @prad<19990430) and 713/152-153.ccls.) and ((encrypt$4 or session or sign$6 or main or symmetric or private or secret) with key)	USPAT	2004/04/14 09:00
–	2130960	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((session or second or private or symmetric)adj$3 key with(creat$3 or generat$3))	USPAT	2004/04/14 11:11
–	1	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((replay adj attack) with (list))	USPAT	2004/04/26 11:12
–	0	(@ad<19990430 or @rlad<19990430 or @prad<19990430) and ((replay adj attack) with (change))	USPAT	2004/04/26 11:12